



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

BDE PROCEDURE MEMORANDUM

NUMBER: 23-01

SUBJECT: Pavement Patching for Multilane Jointed Plain Concrete Pavement (JPCP), Jointed Reinforced Concrete Pavement (JRCP), Asphaltic Concrete (AC) Overlaid JPCP and AC Overlaid JRCP

DATE: July 24, 2001

This memorandum supercedes the information found in Section 53-4.01 of the BDE Manual, providing new and additional guidance in the patching of JPCP, JRCP, AC Overlaid JPCP and AC Overlaid JRCP.

Background

This procedure memorandum was developed to establish patching guidelines to reduce the inconvenience to motorists.

Applicability

The following procedures are applicable to all projects involving patching on roadways with four lanes or more, both divided and undivided. This procedure is effective beginning with the November 9, 2001 letting.

Procedures

The following procedures establish design guidelines for use of patching on JPCP, JRCP, AC Overlaid JPCP and AC Overlaid JRCP.

- ❖ Full- and Partial-Depth Undowelled Bituminous Patches (Class D). Full- and Partial- Depth Class D patches shall be specified for use on all projects involving:
 - previously resurfaced jointed concrete pavements.
 - patching and resurfacing of bare jointed concrete pavements.
 - patching of jointed pavements which are scheduled to be resurfaced within one year.
- ❖ Full-Depth Dowelled Patches (Class B). Class B patches shall only be specified for use on bare jointed pavement that is not scheduled to be resurfaced within one year.

Engineer of Design and Environment

Michael L. Rone